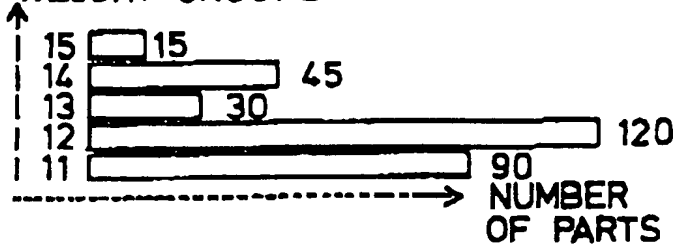


WEIGHT GROUPS



P
0.050
0.150
0.100
0.400
0.300

FIG. 4

WEIGHT GROUPS

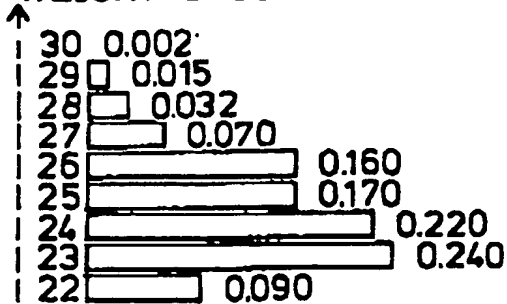


FIG. 5

PROBABILITY FOR SUM OF TWO PARTS

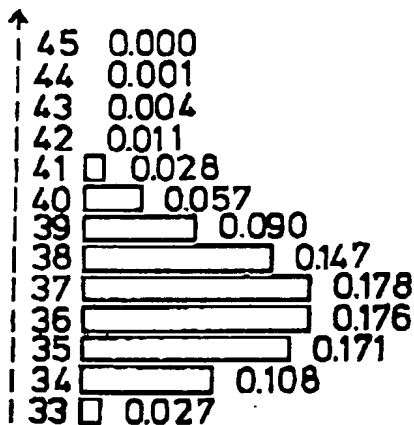


FIG. 6

PROBABILITY FOR SUM OF THREE PARTS

g

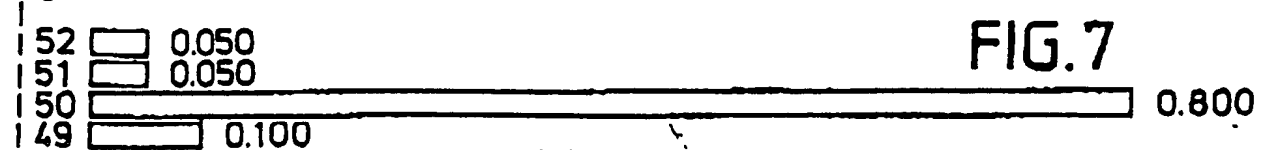


FIG. 7

Pr(g) DESIRED TARGET WEIGHT DISTRIBUTION

g

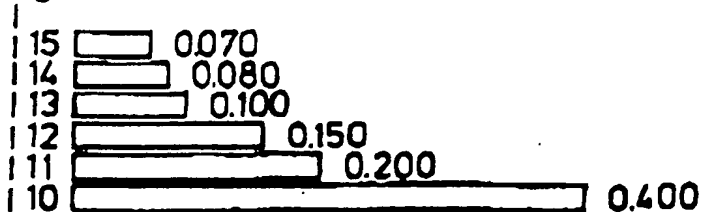
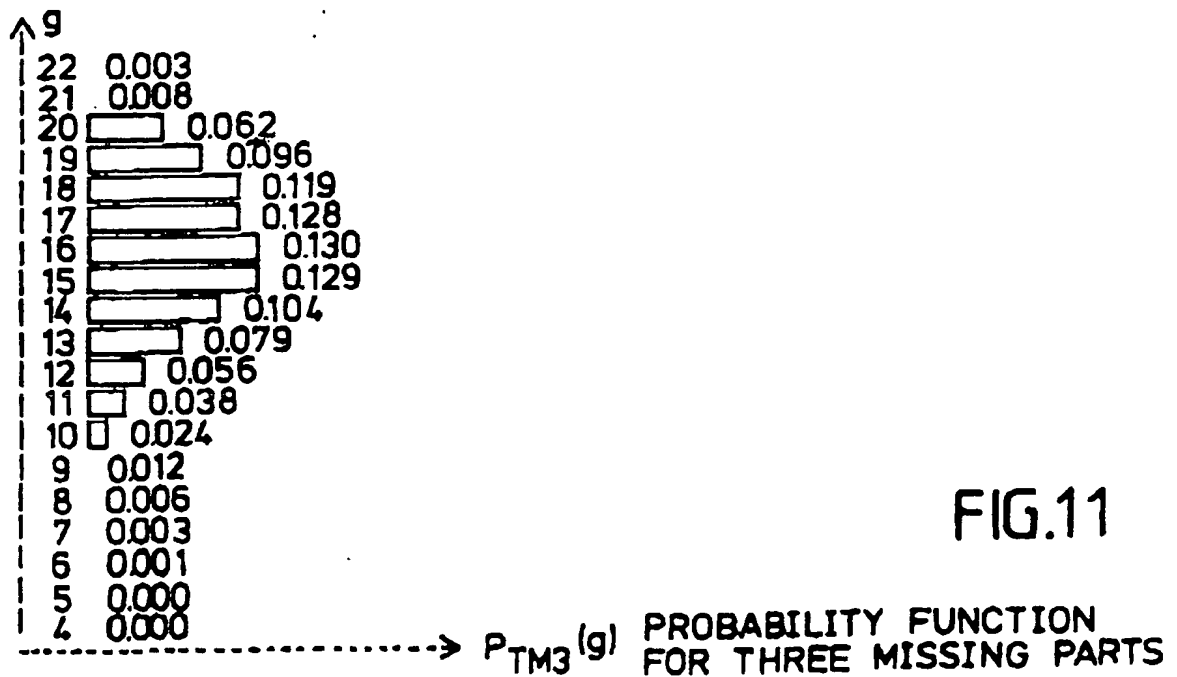
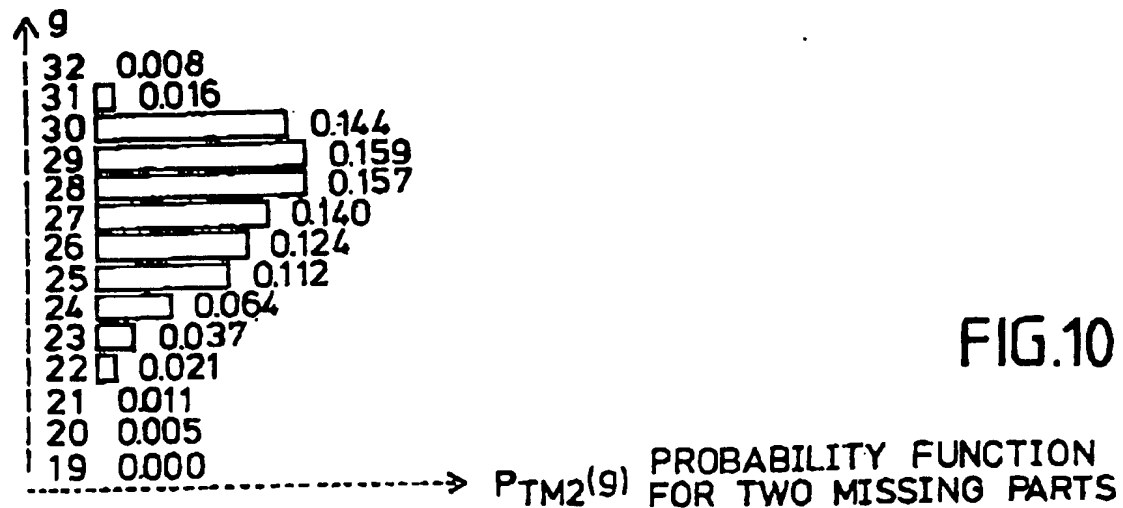
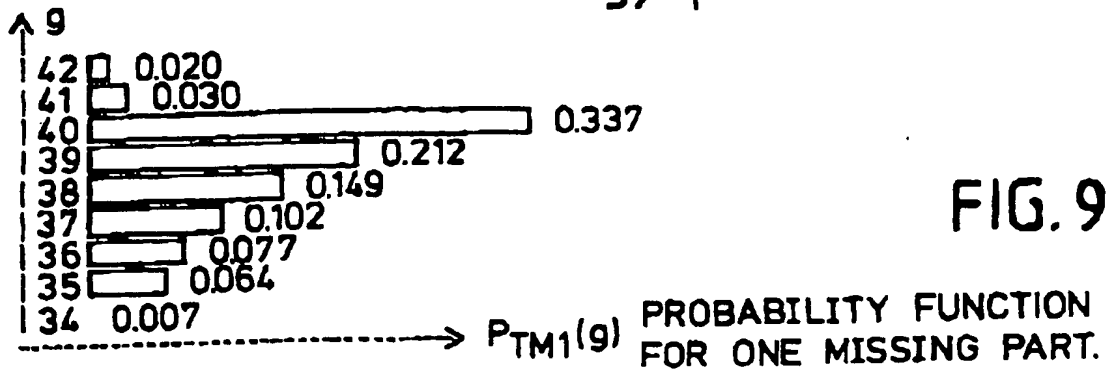


FIG. 8

Pr(g) PROBABILITY OF PART WEIGHT

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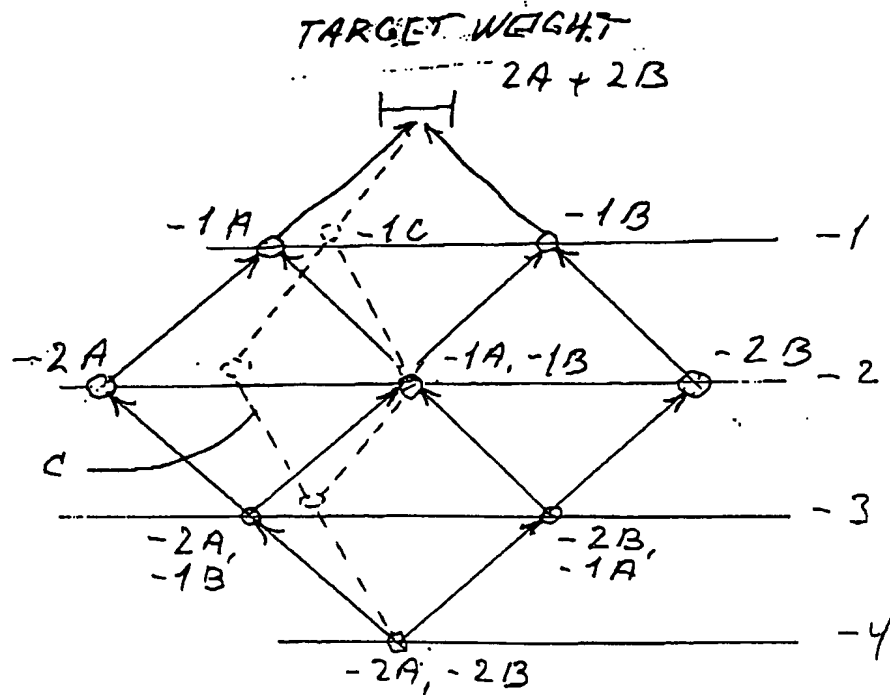


Fig. 12